

## REMARKS

Claims 1-21 and 26 were previously cancelled, claims 22, 24 and 30 are currently amended and claims 22-25 and 27-31 remain in the application for consideration. In view of the following remarks, Applicant traverses the Office's rejections and respectfully requests that the application be forwarded on to issuance.

### Examiner Communication

Applicant would like to thank Examiner Donaghue for his time in discussing this Application over the phone. Applicant has amended the independent claims in a manner that is consistent with the discussions held with the Examiner. The Examiner indicated that these amendments would receive favorable treatment.

### § 103 Rejections

Claims 22-25 and 27-31 stand rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 6,212,558 to Antur, et al. (hereinafter "Antur") in view of Proxy Server's Structural Design by Rozell, et al. (hereinafter "Rozell").

### The Claims

**Claim 22** is amended, and as amended recites a system for securing data communication between an internet computer network and an external computer network, comprising [added language is indicated in bold italics]:

- a client located in the internal computer network;
- a server located in the external computer network and in communication with the client; and

- an application-level gateway proxy device comprising:
- components for (1) performing, at a packet level, a network address translation upon a stream of packets originating from the client and (2) filtering, at a stream level, the stream of packets and transmitting the packets to the server, wherein the filtering is transparent to the client, ***and wherein the network address translation component redirects the stream of packets to the filtering component***; and
- a communications socket internal to the application-level gateway proxy device and communicatively connected to the components for (1) performing the network address translation and (2) filtering.

As per Applicant's discussion with the Office, Applicant has amended this claim to traverse the § 103 rejection over Antur in view of Rozell.

**Claim 23** depends from claim 22 and thus is allowable as depending from an allowable base claim. This claim is also allowable for its own recited features which, in combination with those recited in claim 22, are neither disclosed nor suggested by the reference of record.

**Claim 24** is amended, and as amended recites an application-level gateway proxy device, comprising [added language is indicated in bold italics]:

- a component for performing, at a packet level, a network address translation with respect to a stream of packets originating from a client in an internal network, wherein the client is communicating the stream of packets to a server located in an external network, ***and wherein the network address translation component redirects the stream of packets to a component for filtering***;
- the component for filtering, at a stream level, the stream of packets, wherein the filtering is transparent to the client;
- a communication socket internal to the application-level gateway proxy device and communicatively connected to:
- the component for performing the network address translation; and
- the component for filtering; and
- a component for transmitting the packets to the server after the packets are filtered.

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2 As per Applicant's discussion with the Office, Applicant has amended this  
3 claim to traverse the § 103 rejection over Antur in view of Rozell.

4 **Claims 25 and 27-29** depend from claim 24 and thus are allowable as  
5 depending from an allowable base claim. These claims are also allowable for their  
6 own recited features which, in combination with those recited in claim 24, are  
7 neither disclosed nor suggested by the reference of record.

8 **Claim 30** is amended, and as amended recites a computer-implemented  
9 method for communication between a first network and a second network  
10 comprising [added language is indicated in bold italics]:

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- 12 • intercepting, at a first external socket of a proxy network address  
translation device, a stream of packets;
- 13 • performing, at a first internal component of the proxy network  
14 address translation device, a network address translation upon the  
stream of packets, the network address translation occurring at a  
packet level;
- 15 • transmitting, from the first internal component of the proxy network  
16 address translation device to ***a second internal component of the  
proxy network address translation device***, the translated stream of  
17 packets;
- 18 • filtering, at the second internal component of the proxy network  
address translation device, the translated stream of packets, the  
19 filtering occurring at a stream level; and
- 20 • transmitting, from the second external socket of the proxy network  
address translation device, the translated and filtered stream of  
21 packets.

22 As per Applicant's discussion with the Office, Applicant has amended this  
23 claim to traverse the § 103 rejection over Antur in view of Rozell.  
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1       **Claim 31** depends from claim 30 and thus is allowable as depending from  
2 an allowable base claim. This claim is also allowable for its own recited features  
3 which, in combination with those recited in claim 30, are neither disclosed nor  
4 suggested by the reference of record.

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6       **Conclusion**

7       All of the claims are in condition for allowance. Accordingly, Applicant  
8 requests a Notice of Allowability be issued forthwith. If the Office's next  
9 anticipated action is to be anything other than issuance of a Notice of Allowability,  
10 Applicant respectfully requests a telephone call for the purpose of scheduling an  
11 interview.

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14       Respectfully Submitted,

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16       Dated: 9/27/06

17       By  \_\_\_\_\_

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